

ABSTRACT OF THE DISCLOSURE

A driving apparatus comprises an electric generator driven by an engine and a motor for driving driving-wheels by using electric power from the electric generator, wherein an engine-side input axle is linked to a crankshaft and an motor-side input axle is linked to a motor rotor and these input axles are linked to an output axle for transmitting power to the driving-wheels. In an engine-power transfer channel constituted by the engine-side input axle 18 and the output axle, there is provided a transmission for changing a revolution speed of the engine-power transfer channel to a plurality shift ranges. When a vehicle is engine-driven, the revolution speed of the engine-power transfer channel is changed, thereby allowing a drive force of the vehicle to be changed.